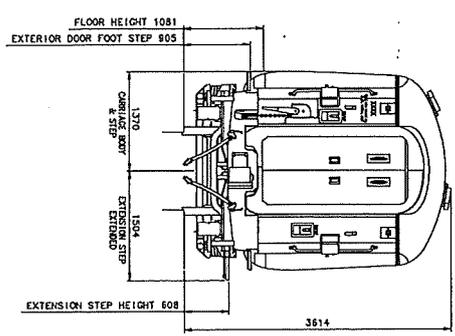
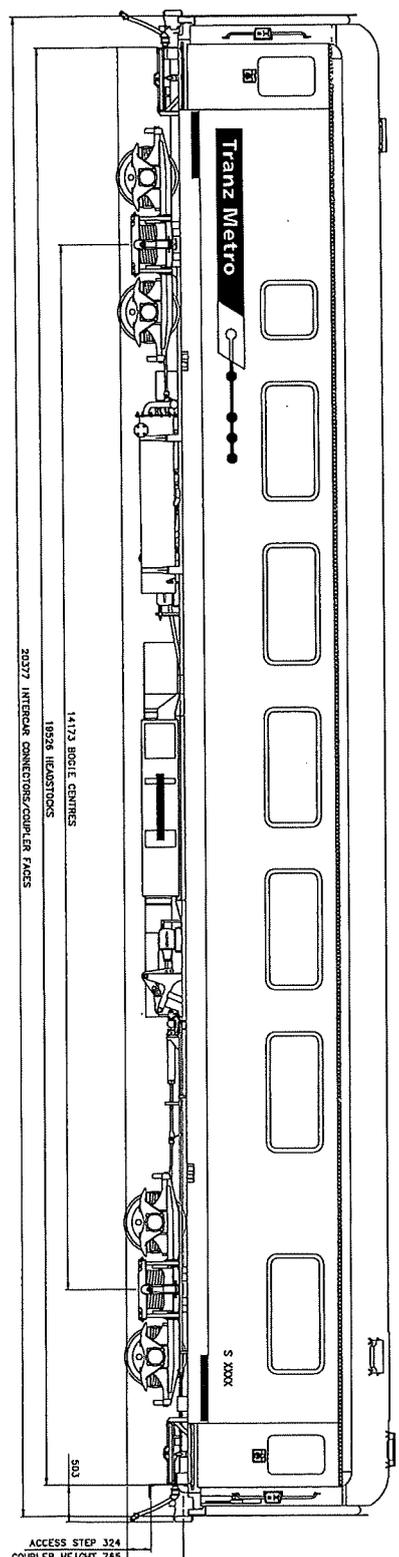


*Cafe and
Bar on
Car 1st
Connection*



- 12040670 CLEARANCE DIAGRAM
- 11040677 UNDERFRAME EQUIPMENT ARRGT.
- 11040681 BODY ARRANGEMENT
- 11040685 CARRIAGE INTERIOR STD TM CAR
- 11040679 HVAC SYSTEM
- 11040748 ELECTRICAL SYSTEM TM SERVERY CAR
- 11040686 PNEUMATIC SYSTEM

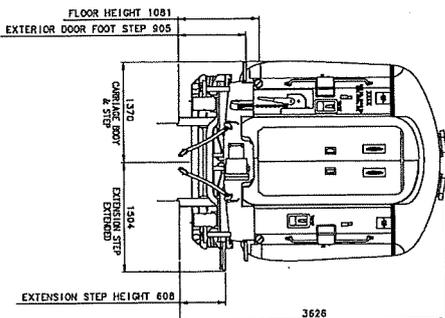
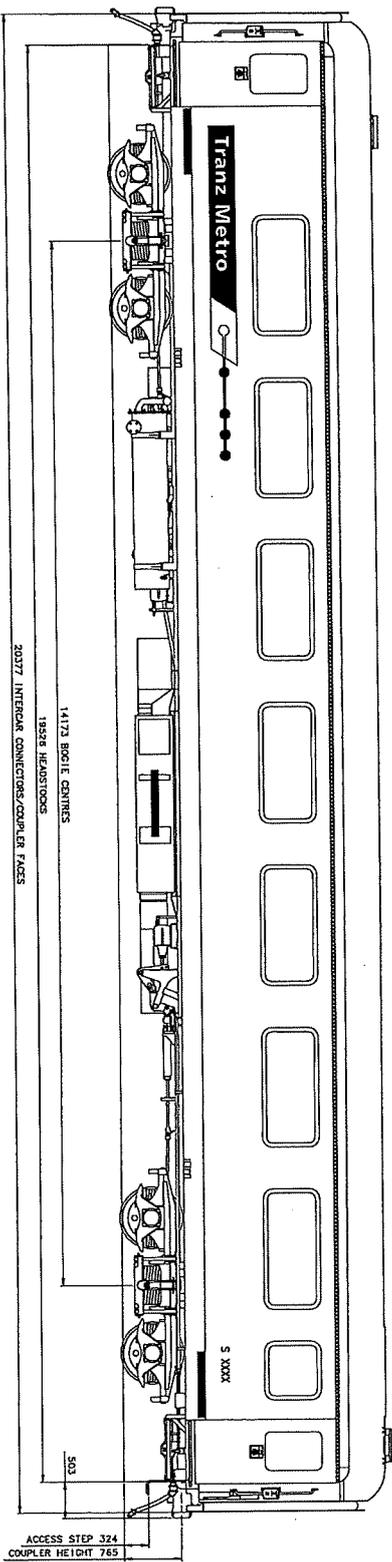
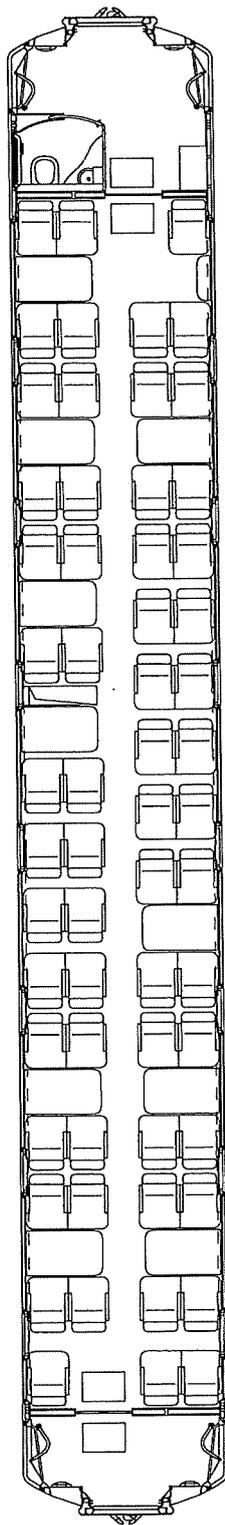
- 11040720 SEATING LAYOUT
- 11040663 PAINTING AND LETTERING DIAGRAM
- 11040689 UNDERFRAME ARRANGEMENT
- 11040685 TRANSOM ARRANGEMENT
- 11040687 BRAKE ARRANGEMENT
- 11040674 HANDBRAKE ARRANGEMENT
- 11040689 CAR. ELECTRICAL SCHEMATIC FLOW CHART
- 11040675 INTERIOR POWER DOOR ARRGT. SINGLE
- 11040745 EXTERIOR DOOR ARRANGEMENT
- 30 PASSENGERS
- 100 KWH

BR MK 11 D & E FIRST CLASS BODY TYPE SHOWN

TOLERANCES - GENERAL		TOLERANCES - MACHINED COMPONENTS	
Dimensions up to and including 20mm	0 + 0	Distance between centres of drilled holes	D + 0.3
Dimensions between 20mm and 250mm	0 + 2.0	Distance from centre of a drilled hole to machined face	D + 0.3
Dimensions over 250mm	0 + 4.0	Distance over parallel machined faces	D + 0.3
Angular dimensions	MAX 1.0°	Diameter of turned components	D + 0.3
		Angular dimensions	MAX 0.5°

WELDING to AS 1101.3 - 1987 of steel and aluminium Symbols otherwise specified, all refer to AS 1101.3-1984 UNLESS SPECIFIED BY NOTATION OTHERWISE	APPROVED <i>[Signature]</i>	DATE 9-2-03	DRAWN D TAJUMATA	DATE 9-2-03	EST. MASS 29 300 Kg	SIZE S	MATERIAL S
Checked by <i>[Signature]</i>	Checked by <i>[Signature]</i>	Checked by <i>[Signature]</i>	Checked by <i>[Signature]</i>	Checked by <i>[Signature]</i>	Checked by <i>[Signature]</i>	Checked by <i>[Signature]</i>	Checked by <i>[Signature]</i>

GENERAL ARRANGEMENT TM SERVERY CAR	ISSUE 11040661A
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BR MK 11 D & E FIRST CLASS BODY TYPE SHOWN

- CLEARANCE DIAGRAM
- UNDERFRAME EQUIPMENT ARRGT.
- BODY ARRANGEMENT
- CARRIAGE INTERIOR STD TM CAR
- HVAC SYSTEM
- ELECTRICAL SYSTEM STD TM CAR
- PNEUMATIC SYSTEM

- 12040670
- 11040677
- 11040681
- 11040685
- 11040679
- 11040747
- 11040686

- SEATING LAYOUT
- PAINTING AND LETTERING DIAGRAM
- UNDERFRAME ARRANGEMENT
- BOGIE TRANSMISSION ARRANGEMENT
- BRAKE ARRANGEMENT
- HANDRAKE ARRANGEMENT
- CAR. ELECTRICAL SCHEMATIC FLOW CHART
- EXTERIOR POWER BOON ARRGT.
- EXTERIOR DOOR ARRANGEMENT

- 11040698
- 11040683
- 11040689
- 11040693
- 11040897
- 11040897
- 11040898
- 11040898
- 11040745

SEATING
100 PASSENGERS
100 km/h

TOLERANCES - GENERAL		TOLERANCES - MACHINED COMPONENTS	
Dimensions up to and including 25mm	D ± 0.10	Distance between centres of drilled holes	D ± 0.3
Dimensions between 25mm and 250mm	D ± 0.20	Distance from centre of a drilled hole to machined face	D ± 0.3
Dimensions over 250mm	D ± 0.40	Distance over parallel machined faces	D ± 0.3
Angular dimensions	MAX 1.0°	Diameter of turned components	D ± 0.3
		Angular dimensions	MAX 0.5°

Tranz Rail Tranz Rail Ltd. DRAWN BY D TALMATA CHECKED BY [Signature] DATE 9-2-00		STORED BY [Signature] DATE 9-2-00 FOR GENERAL MANAGER, MECHANICAL ENGINEERING	
MATERIAL: [Blank] SIZE: [Blank] EST. MASS: 28 400 Kg DIAGRAM: S		100 PASSENGERS 100 km/h	

GENERAL ARRANGEMENT
STANDARD TM CAR

11040660A

ISSUE